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2 **ABSTRACT**

3 A first exemplary method implementation for designing an application
4 programming interface (API) includes: preparing multiple code samples for a core
5 scenario, each respective code sample of the multiple code samples corresponding
6 to a respective programming language of multiple programming languages; and
7 deriving the API from the core scenario responsive to the multiple code samples.
8 A second exemplary method for designing an API includes: selecting a core
9 scenario for a feature area; writing at least one code sample for the core scenario;
10 and deriving an API for the core scenario responsive to the at least one code
11 sample. A third exemplary method for designing an API includes: deriving an
12 API for a scenario responsive to at least one code sample written with regard to
13 the scenario; performing one or more usability studies on the API utilizing
14 multiple developers; and revising the API based on the one or more usability
15 studies.

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